

ABSTRAK

Genia Aulia Rukmawati : “Pengaruh Model Pembelajaran Inkuiri Berbantu Media *Mind Mapping* Terhadap Berpikir Kritis Pada Materi Metabolisme”

Salah satu model pembelajaran yang melibatkan murid yaitu pembelajaran inkuiri. Model pembelajaran inkuiri merupakan model pembelajaran yang menekankan pada proses berpikir secara kritis dan analitis untuk mencari dan menemukan sendiri jawaban dari suatu masalah yang dipertanyakannya. Metode penelitian yang digunakan yaitu quasi experiment dengan desain *nonequivalent control group design*. Hasil penelitian menunjukkan bahwa pada kelas yang menggunakan model pembelajaran inkuiri berbantu *mind mapping* diperoleh hasil berpikir kritis dengan nilai rata – rata *pretest* 33 (Rendah), dan *posttest* 73 (Tinggi). Sedangkan pada kelas yang tanpa menggunakan model pembelajaran inkuiri berbantu *mind mapping* diperoleh nilai rata – rata *pretest* 27 (Rendah) dan *posttest* 38 (Rendah). Kemudian hasil pengujian hipotesis diperoleh nilai nilai $T_{hitung} (27,36) > T_{tabel} (2,04)$ artinya pada pengujian hipotesis ini H_0 ditolak dan H_1 diterima. Sehingga dapat disimpulkan bahwa terdapat pengaruh positif dan signifikan dari model pembelajaran inkuiri berbantu *mind mapping* terhadap berpikir kritis pada materi metabolisme.

Kata Kunci : Berpikir Kritis, Model Pembelajaran Inkuiri, Metabolisme, *Mind Mapping*



ABSTRACT

Genia Aulia Rukmawati : “The Influence Of *Mind Mapping* Media-Assisted Inquiry Learning Models On Critical Thinking On Metabolism Matter”

One learning model that involves students is inquiry learning. The inquiry learning model is a learning model that emphasizes the process of thinking critically and analytically to seek and find answers to a problem in question. This research was conducted with the aim of knowing the effect of the inquiry learning model on helping mind mapping to critical thinking in material metabolism. The research method used was a quasi-experimental design with nonequivalent control group design. The results showed that in the class that used the mind mapping-assisted inquiry learning model, critical thinking results were obtained with an average pretest score of 33 (low), and posttest 73 (high). Whereas in the class without using the mind mapping-assisted inquiry learning model, the average pretest score was 27 (low) and posttest 38 (low). Then the results of testing the hypothesis obtained $T_{count} (27.36) > T_{table} (2.04)$ meaning that in testing this hypothesis H_0 was rejected and H_1 was accepted. So it can be concluded that there is a positive and significant influence of the mind mapping assisted inquiry learning model on critical thinking on metabolism material.

Keywords: *Critical Thinking, Inquiry Learning Model, Metabolism, Mind Mapping*

